



STIC Search Report

EIC 1700

STIC Database Tracking Number: 165487

TO: William Krynski
Location: REM 8A15
Art Unit : 1700
September 13, 2005

Case Serial Number:

From: Mrs. Kendra Banks
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,579,955

Current session 13/09/2005**Query/Command : N**

..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,64

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.69 USD
Cost estimated for the last database search :	0.69 USD
Estimated total session cost :	0.69 USD

Selected file: PLUSPAT

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New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Announcing enhanced searchability of Relevancy Codes in Search Reports
for EP, WO and FR patents. For more details see below and on QO website

-To retrieve set of high relevancy X coded cited patents, use xctx=yes

-To extract cited patents with only high relevancy code, use mem/xctx

Last update of file: 2005/09/07 (YYYY/MM/DD) 2005-35/UP (last update).

Search statement 1

Query/Command : US6579955/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

*1/1 PLUSPAT - ©QUESTEL-ORBIT***PN** - US2003045654 A1 20030306 [US20030045654]**PN2** - US6579955 B2 20030617 [US6579955]**TI** - (A1) High temperature elastomers from linear poly(silarylene-siloxane-acetylene)**PA** - (B2) US NAVY (US)**PA0** - The United States of America as represented by the Secretary of the Navy,
Washington DC [US]

PA2 - (B2) US NAVY (US)
IN - (A1) KELLER TEDDY M (US); HOMRIGHAUSEN CRAIG (US)
AP - US4629602 20020116 [2002US-0046296]
FD - Division of: US6362289
PR - US4629602 20020116 [2002US-0046296]
 US62527100 20000725 [2000US-0625271]
IC - (A1) C08G-077/00
EC - C08G-077/50
 C08L-083/14
PCL - ORIGINAL (O) : 525477000; CROSS-REFERENCE (X) : 528032000
 528034000 528035000 528038000 528043000 556410000 556431000
 585416000
DT - Corresponding document
CT - US3758541; US5346980; US5563181; USH001612; US5578380; US5874514;
 US6265336; WO9321278
 Keller et al, High Temperature Elastomers From Linear (Silarylene-Siloxane-
 Acetylene), Application No. 09/625,271, p. 30.
STG - (A1) Utility Patent Application published on or after January 2, 2001
STG2 - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
AB - A linear polymer has repeating units represented by the formula (Chemical
 Structure image '1' not included in text)
 wherein
 (a) n is an integer greater than or equal to 0,
 (b) x is an integer greater than or equal to 1, and (Chemical Structure image '2'
 not included in text)
 represents an unconjugated acetylenic group when x is equal to 1 or conjugated
 acetylenic groups when x is greater than 1;
 (c) Ar is an aromatic group, and
 (c) R1, R2, R3, R4, R5, R6, R7 and R8 are independently selected from the
 group consisting of alkyl, aryl, alkylaryl, haloalkyl, haloaryl and mixtures
 thereof. The linear polymer may be thermally cured to form a crosslinked
 polymer.
UP - 2003-12

1 / 1 LGST - ©EPO

PN - US2003045654 A1 20030306 [US20030045654]
 US6579955 B2 20030617 [US6579955]
AP - US4629602 20020116 [2002US-0046296]
ACT - 20030213 US/AS-A
 ASSIGNMENT
 OWNER: NAVY, THE UNITED STATES OF AMERICA AS REPRESENTED;
 EFFECTIVE DATE: 20000725
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY
 M.;HOMRIGHAUSEN, CRAIG;REEL/FRAME:013755/0246
 20040928 US/RF-A

REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040325

UP - 2004-53

1/1 CRXX-©CLAIMS/RRX

PN - 6,579,955 A 20030617 [US6579955]

PA - U S of America Navy Secretary of

ACT - 20040325 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040928

REISSUE REQUEST NUMBER: 10/816595

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1712

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,27

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.74 USD
Records displayed and billed :	1
Estimated cost :	1.40 USD
Cost estimated for the last database search :	2.14 USD
Estimated total session cost :	2.83 USD

LGST - Time in minutes : 0,03

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.03 USD
Records displayed and billed :	1
Estimated cost :	0.65 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.18 USD
Estimated total session cost :	4.01 USD

CRXX - Time in minutes : 0,04

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.07 USD
Records displayed and billed :	1
Estimated cost :	5.70 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.27 USD
Estimated total session cost :	10.28 USD

LITA - Time in minutes : 0,02

The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.04 USD
Cost estimated for the last database search :		0.04 USD
Estimated total session cost	:	10.32 USD

Selected file: INPADO

You are now connected to INPADO
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For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6579955/PN

1 Patent Groups

**** SS 1: Results 7**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 7 INPADO - ©INPADO

PN - AU 200182960 A5 20020205 [AU200182960]
TI - High temperature elastomers from linear poly (silarylene-siloxane-acetylene)
IN - KELLER TEDDY M; HOMRIGHAUSEN CRAIG
PA - US GOVERNMENT
AP - AU 82960/01-A 20010725 [2001AU-0082960]
PR - US 625271/00-A 20000725 [2000US-0625271]
WO 200123304/01(US)-W 20010725 [2001WO-US23304]
IC - C08G-077/20

2 / 7 INPADO - ©INPADO

PN - US 6362289 BA 20020326 [US6362289]
TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY
(SILARYLENE-SILOXANE-ACETYLENE)
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
PA - US NAVY [US]
AP - US 625271/00-A 20000725 [2000US-0625271]
PR - US 625271/00-A 20000725 [2000US-0625271]
IC - C08L-083/08; C08L-083/14

1 / 1 LEGALI - ©EPO

PN - US6362289 B1 20020326 [US6362289]
AP - US62527100 20000725 [2000US-0625271]
ACTE - 20000908 US/AS-A
ASSIGNMENT
OWNER: THE UNITED STATES OF AMERICA AS REPRESENTED BY
THE; EFFECTIVE DATE: 20000725
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER,
TEDDY;HONRIGHAUSEN, CRAIG;REEL/FRAME:011182/0118

20041026 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040325
UP - 2004-46

3 / 7 INPADOC - ©INPADOC

PN - US 2003045654 AA 20030306 [US20030045654]
TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY
(SILARYLENE-SILOXANE-ACETYLENE)
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
PA - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
AP - US 46296/02-A 20020116 [2002US-0046296]
PR - US 46296/02-A 20020116 [2002US-0046296]
US 625271/00-A3 20000725 [2000US-0625271]
IC - C08G-077/00

1 / 1 LEGALI - ©EPO

PN - US2003045654 A1 20030306 [US20030045654]US6579955 B2 20030617
[US6579955]
AP - US4629602 20020116 [2002US-0046296]
ACTE - 20030213 US/AS-A
ASSIGNMENT
OWNER: NAVY, THE UNITED STATES OF AMERICA AS
REPRESENTED; EFFECTIVE DATE: 20000725
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY
M.;HOMRIGHAUSEN, CRAIG;REEL/FRAME:013755/0246

20040928 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040325
UP - 2004-53

4 / 7 INPADOC - ©INPADOC

PN - US 6579955 BB 20030617 [US6579955]

TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY
(SILARYLENE-SILOXANE-ACETYLENE)
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
PA - US NAVY [US]
AP - US 46296/02-A 20020116 [2002US-0046296]
PR - US 46296/02-A 20020116 [2002US-0046296]
US 625271/00-A3 20000725 [2000US-0625271]
IC - C08G-077/44

1 / 1 LEGALI - ©EPO

PN - US2003045654 A1 20030306 [US20030045654]US6579955 B2 20030617
[US6579955]
AP - US4629602 20020116 [2002US-0046296]
ACTE - 20030213 US/AS-A
ASSIGNMENT
OWNER: NAVY, THE UNITED STATES OF AMERICA AS
REPRESENTED; EFFECTIVE DATE: 20000725
ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: KELLER, TEDDY
M.; HOMRIGHAUSEN, CRAIG; REEL/FRAME: 013755/0246

20040928 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040325
UP - 2004-53

5 / 7 INPADOC - ©INPADOC

PN - US 2003158353 AA 20030821 [US20030158353]
TI - High temperature elastomers from linear poly(silarylene-siloxane-acetylene)
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
PA - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
AP - US 364632/03-A 20030212 [2003US-0364632]
PR - US 364632/03-A 20030212 [2003US-0364632]
US 46296/02-A3 20020116 [2002US-0046296]
US 625271/00-A3 20000725 [2000US-0625271]
IC - C08G-077/00

6 / 7 INPADOC - ©INPADOC

PN - US 6784259 BB 20040831 [US6784259]
TI - High temperature elastomers from linear poly(silarylene-siloxane-acetylene)
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]
PA - US NAVY [US]
AP - US 364632/03-A 20030212 [2003US-0364632]
PR - US 364632/03-A 20030212 [2003US-0364632]

US 46296/02-A3 20020116 [2002US-0046296]
 US 625271/00-A3 20000725 [2000US-0625271]

IC - C08G-077/38

7/7 INPADOC - ©INPADOC

PN - WO 200208315 A1 20020131 [WO200208315]
 TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY
 (SILARYLENE-SILOXANE-ACETYLENE)
 ELASTOMERES HAUTE TEMPERATURE DE POLY (SILARYLENE-
 SILOXANE-ACETYLENE) LINEAIRE
 LA - ENG
 IN - KELLER TEDDY M; HOMRIGHAUSEN CRAIG
 PA - US GOVERNMENT [US]
 AP - WO US 200123304/01(US)-A 20010725 [2001WO-US23304]
 PR - US 625271/00-A 20000725 [2000US-0625271]
 IC - C08G-077/20
 DS - AE* AG* AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* BZ* CA* CH*
 CN* CO* CR* CU* CZ* DE* DK* DM* DZ* EC* EE* ES* FI* GB* GD*
 GE* GH* GM* HR* HU* ID* IL* IN* IS* JP* KE* KG* KP* KR* KZ* LC*
 LK* LR* LS* LT* LU* LV* MA* MD* MG* MK* MN* MW* MX* MZ*
 NO* NZ* PL* PT* RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT*
 TZ* UA* UG* UZ* VN* YU* ZA* ZW* GH GM KE LS MW MZ SD SL SZ
 TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW
 ML MR NE SN TD TG

1/1 LEGALI - ©EPO

PN - WO200208315 A1 20020131 [WO200208315]
 AP - WOUS0123304 20010725 [2001WO-US23304]
 ACTE - 20020131 WO/AK [+]
 DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
 SEARCH REPORT
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN
 YU ZA ZW
 20020131 WO/AL [+]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
 PUBLISHED APPLICATION WITH SEARCH REPORT
 GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
 TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 20020327 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
DESIGNATED IN THIS APPLICATION

20030109 WO/REG; DE/8642 [-]
DE: IMPACT ABOLISHED FOR DE
<DE>

20031110 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
RU 2003132470 [2003RU-0132470]

20031111 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
RU 2003132683 [2003RU-0132683]

20040128 WO/122 [-]
EP: PCT APP. NOT ENT. EUROP. PHASE

20050606 WO/NENP
NON-ENTRY INTO THE NATIONAL PHASE IN:
<JP>

UP - 2005-27

Search statement 2

PATNO IS 6579955

DATE: SEPTEMBER 13, 2005
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6579955

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6579955 , June 17, 2003 , High temperature elastomers from linear poly(silarylene-siloxane- acetylene), Keller, Teddy M. - Fairfax Station, Virginia; Homrighausen, Craig - Lorton, Virginia, 046296 (10), The United States of America as represented by the Secretary of the Navy, Washington, D.C., 06, February 13, 2003 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., NAVY, THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE BALLSTON TOWER ONE, 800 NORTH QUINCY STREET CHIEF OF NAVAL RESEARCH, OFFICE OF COUNSEL, (ATTN: CODE OOCIP) ARLINGTON VIRGINIA 22217, Reel and Frame Number: 13755/0246

CORE TERMS: linear, polymer, sample, poly, silarylene-siloxane-acetylene, curing, synthesis, minute, butadiyne, toluene ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6579955

June 17, 2003

High temperature elastomers from linear
poly(silarylene-siloxane- acetylene)

REISSUE: March 25, 2004 - Reissue Application filed Ex. Gp.: 1712; Re. S.N.
10/816,595 (O.G. September 28, 2004)

APPL-NO: 046296 (10)

FILED-DATE: January 16, 2002

GRANTED-DATE: June 17, 2003

CORE TERMS: linear, polymer, sample, poly, silarylene-siloxane-acetylene,
curing, synthesis, minute, butadiyne, toluene ...

6579955 OR 6,579,955

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

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Patent Search - Number: 6579955

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